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**PATENT  
RESPONSE UNDER 37 CFR 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP 2631**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Stephen D. Burbach

Appl No. : 09/989,367 Confirmation No. 1105  
Applicant : Oscar E. Agazzi  
Filed : November 20, 2001  
Title : METHOD AND SYSTEM TO IDENTIFY AND CHARACTERIZE  
NONLINEARITIES IN OPTICAL COMMUNICATIONS CHANNELS  
TC/A.U. : 2631  
Examiner : Juan A. Torres  
Docket No. : 41281/RJP/B600  
Customer No. : 23363

**AMENDMENT AFTER FINAL ACTION**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
November 30, 2005

Commissioner:

In response to the Office action of August 31, 2005, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page of this paper.

**Remarks/Arguments** begin on page of this paper.

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Name: Commissioner of Patents  
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Art Unit: 2631

Examiner: Juan A. Torres

Phone: 571-272-3119

From: Stephen D. Burbach  
Reg No. 20,958

Re: Application No. 11/197,815  
Filed November 20, 2001  
Entitled METHOD AND SYSTEM TO IDENTIFY AND CHARACTERIZE  
NONLINEARITIES IN OPTICAL COMMUNICATIONS CHANNELS

File: 41281/B600

Enclosure: Amendment After Final Action

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